

## Crysler, Ruby

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**From:** Wight, Brian <brian.wight@aecom.com>  
**Sent:** Wednesday, January 11, 2017 3:45 PM  
**To:** Chrysler, Ruby; Jacqueline.Grunau@ks.gov; KNIGHT, COLE D GS-11 USAF AMC 22 CES/CEAN (cole.knight@us.af.mil); BLAIR, SHELDON M CTR USAF AMC 22 CES/CEIE; Mark D. Wichman (mark.d.wichman@usace.army.mil); Chung H. Yen (chung.yen.1@us.af.mil); Cynthia Cash; HAMLETT, PAMELA P GS-13 USAF HAF AFCEC/CZTE; Krause, Michael; Mowan, Ryan; Sansom, Andrea NWO  
**Cc:** Jacqueline Grunau  
**Subject:** McConnell AFB PBR: 10 January 2017 Project Status Meeting Minutes  
**Attachments:** 10JAN17\_Regulator Project Status Meeting Mins.pdf  
**Categories:** Record Saved - Shared

All,

The above referenced meeting minutes are attached.

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# McConnell AFB PBR

## Project Status Meeting Minutes

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**Meeting Date:** 10 January 2017

**Meeting Time:** ~0900 to 1115 hrs.

**Participants:**

Ruby Crysler, EPA  
Jacqueline Grunau, KDHE  
Cole Knight, McConnell AFB (phone)  
Mark Wichman, USACE  
Andrea Sansom, USACE (phone)  
Chung Yen, AFCEC (phone)

Pamela Hamlett, AFCEC (phone)  
Brian Wight, URS Group, Inc.  
Mike Krause, URS Group, Inc.  
Ryan Mowan, URS Group, Inc. (phone)

These minutes document the discussions during the McConnell Air Force Base (AFB) Performance Based Remediation (PBR) project status meeting held from about 0900 hours to 1115 hours on 10 January 2017 at Environmental Protection Agency (EPA) Region 7.

**Injection Status**

- SS003: Spill Site 3
  - The injection status at SS003 was discussed. 36 of 134 points have been completed as of 8 January 2017. No major issues have been encountered during injection to date.
- LF011: Landfill 11
  - The injection status at LF011 was discussed. 20 of 48 points have been completed as of 8 January 2017. Some difficulty has been encountered sealing off the borehole with packers at shallower depths; however, a solution is being worked on.
- OW041: Building 9
  - The injection status at OW041 was discussed. Equipment was mobilized from OW026. As of 8 January 2017, injections had just started, and no injection points have been completed.
- Performance monitoring has started at OW026. The week 3 sampling event will occur this week.

**Facility Wide Institutional Control Implementation Plan**

- The Facility Wide ICIP was discussed.

- EPA and KDHE asked about the purpose and scope of the ICIP and suggested that text be added to Section 1 describing the purpose of the document.
- MAFB was asked if and how often the ICIP is actively used. MAFB stated the ICIP is reviewed for all intrusive activities and proposed new building locations.
- When to add a site to the ICIP was discussed. MAFB would like a site added to the ICIP when contamination at the site is above UU/UE standards. As an example, the addition of site SS039 to the ICIP was discussed. Contamination has been detected at SS039; however, the contamination has not been delineated. In this example, SS039 would be added to the ICIP to limit or prevent exposure to the known contamination. However, for SS039 or similar sites, a note could be added to the figure stating delineation of the contamination is not complete.
- KDHE recommended adding text to either the report or to each figure stating that the boundaries may change based on future information.
- At this time, no IC boundaries are planned to be reduced in size.
- EPA suggested adding a comment to the site summary table indicating if the ICs for that site are required by a Decision Document.
- The IC boundaries presented in the modified ICIP submitted in June 2016 were reviewed.
  - Site SS035 can be removed from the ICIP.
  - Site SS031 can be removed from the ICIP.
  - For site SS014, the plume previously extended outside the existing IC boundary, toward the tarmac. However, current concentrations exceeding cleanup goals are only present within the IC boundary. The IC boundary will be extended to include the pre-injection plume extent. This approach will be taken at each site where applicable.
  - For sites OT547 and OW026, the new IC boundary for OT547 will be inclusive of OW026. The figure title will be updated to name OT547 and OW026.
  - For site TS355, MAFB reviewed the location of the IC boundary and confirmed it is in the correct location.
  - For Figure A-20, additional sites where IC boundaries will be implemented may be added to the figure (e.g., sites OW041, and SS039). However, each site should be labeled on the figure.
  - KDHE requested that the nomenclature of the sites in the ICIP be updated. Additionally, the figures will be updated with the current aerial photograph and consistent title blocks.

- For sites where an IC boundary is modified, a date should be added to the legend for when the initial IC boundary was established and when the modified IC boundary was established.
- Sites planned to be added to the ICIP were reviewed.
  - For site ID636, an IC boundary will be added to cover the pre-injection baseline plume.
  - For site LF010, an IC boundary will be added encompassing the entire landfill boundary.
  - For site DP013, an IC boundary will not be added at this time. However, an IC boundary may be added or the site may be included with LF010 depending on the results of the upcoming investigation.
  - For site OW026, the site will be included within the IC boundary for OT547.
  - For site OW041, an IC boundary will be added to cover the pre-injection baseline plume.
  - For site SS039, an IC boundary will be added to cover the extent of known contamination. The figure and table will reflect that the plume is not fully delineated at this time.
  - For site ZZ047, an IC boundary will be added encompassing the entire hardfill. The figure will also include the associated SWMU number.
  - For site ZZ048, an IC boundary will be added encompassing the entire hardfill. The figure will also include the associated SWMU number.
  - For site ZZ049, an IC boundary will be added encompassing the entire hardfill. The figure will also include the associated SWMU number.
- Sites for consideration of an IC boundary that only contain contamination as a result of the sampling for TPH-LRH, TPH-MRH, and/or TPH-HRH were discussed. Sites OW037, OW040, ID638, SWMU 201 were discussed. Figures will be provided for discussion at the next meeting.

#### **ZZ047: MAFB 104 – Hardfill Area 1**

- The Hardfill Area 1 path forward was discussed.
- The RFI sample results were reviewed. From EPA's recollection, the data presented in the report tables and the data in the appendix don't match for some of the samples. URS should verify which data is correct. EPA and KDHE agree with institutional controls and cover maintenance as the selected remedy for the site pending resolution of the potential inconsistency between the report tables and data in the appendix. No remedy proposal technical memorandum is necessary.

#### **ZZ048: MAFB 105 – Hardfill Area 2**

- The Hardfill Area 2 path forward was discussed.
- The RFI sample results were reviewed. There was no impact to groundwater from contamination detected adjacent site LF011. EPA is concerned about risks posed from PAHs in soil. URS will rescreen the data and run a risk analysis.

#### **ZZ049: MAFB 108 – Old Base Lake Hardfill Area**

- The Old Base Lake Hardfill Area path forward was discussed.
- The RFI sample results were reviewed. EPA is concerned about sediment being screened against soil PRG values. EPA also noted that soil samples were not collected. URS will rescreen the data against the appropriate criteria.

#### **FT006: Fire Training Area 6 Toluene Excavation Area**

- The excavation of the toluene-impacted soil at FT006 was discussed.
- The history of the soil sampling at FT006 was discussed. KDHE questioned if the soil contamination has been delineated. Based on the sample results, the extent has been delineated. However, confirmation soil samples will be collected after excavation.
- MAFB indicated additional text is needed on the disposition of the excavated soil. Additional text will be added to the tech memo regarding disposal of the excavated soil and where that disposal will be documented.
- KDHE asked if samples from the off-site backfill soil would be collected to confirm the soil is not contaminated. URS has and will continue to characterize any soil brought in from off-site for backfilling excavations.
- As part of the excavation, monitoring well FT06-MW18R will be abandoned before excavation and reinstalled following backfill. The monitoring well will be installed with the same screen interval and in the vicinity of former monitoring well FT06-MW18 and monitoring well FT06-MW18R.
- A section on reporting will be added to the technical memorandum.

#### **SS039: Building 12 Spill Site**

- The status of SS039 was discussed.
- The results of the two phases of sampling were discussed. The contractual path forward for the site is currently in discussion between the Air Force and USACE. A data dump report will be prepared and submitted documenting the sampling activities and results collected to date. EPA and KDHE believe an RFI is needed for this site.

#### **SS544: SWMU 207 RFI Status**

- EPA is reviewing URS responses to EPAs clarification comments.

#### **Background Metals Study Report Status**

- EPA is reviewing the final report.

#### **Annual Meeting Schedule**

- The schedule for the annual meeting was discussed.
- The annual meeting is scheduled for 22 February 2017 at McConnell AFB.
- Potential agenda items may include a broad summary of upcoming work in the next year and potentially a review of the project for attendees from KDHE's Bureau of Waste Management, including a review of the sites and their current status.

#### **Other**

- The status of the EPA TPH value calculation was discussed. Plan to use EPA RSL and apportion out.
- EPA looking for arsenic lab data SS004 from 1995 11 site RI report, Volume 3. URS will help locate the data.
- The geochemical correlation of arsenic results at site FL628 was discussed. EPA would like clarification on what we are asking them for. The email transmitting the information will be resent with more specific instructions for EPA.
- The new TPH method detection limits were discussed as to why they are inconsistently reported in sample result tables. In the tables, if a result is reported below the LOQ, then the DL is reported in the "DL/LOD" column. If a result is reported above the LOQ, then the LOD is reported in the "DL/LOD" column. Nondetects are all reported to the LOD in the "DL/LOD" column. A DL of 40 micrograms per liter is used for all TPH-MRH samples.
- The next meeting is tentatively scheduled for Tuesday, 24 January 2017 at 1300 hrs at EPA Region 7.
- The following meeting is tentatively scheduled for Tuesday, 7 February 2017 at 0900 hrs at EPA Region 7.